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1. A method of transmitting power control information to a BSC (Base Station Controller) in a BTS (Base station Transceiver System) of a mobile communication system, comprising the steps of:

receiving forward power control (FPC) mode information indicating a slow power control from the BSC and transmitting the FPC mode information to an MS (Mobile Station);

extracting an EIB (Erasure Indicator Bit) that is a power control command in a frame period from a reverse pilot channel received from the MS according to the FPC mode information;

determining the status of the EIB; and

transmitting a reverse SCH (Supplemental Channel) message including the EIB status information to the BSC.

- 2. The method of claim 1, further comprising the steps of determining a threshold for a forward SCH (Supplemental Channel) power control based on the EIB status included in the reverse SCH message in the BSC.
- 3. The method of claim 1, wherein the EIB status is determined using eight odd-numbered PCBs (Power Control Bits) in a PCG (Power Control Group) of the reverse pilot channel.
- 4. A method of transmitting a signal to a BSC (Base Station Controller) in a

 BTS (Base Station Transceiver System) of a mobile communication system, comprising the steps of:

checking a forward power control mode (FPC_MODE);

receiving an EIB (Erasure Indicator Bit) on a reverse pilot channel from an MS (Mobile Station) when the forward power control mode indicates a slow power control; and

transmitting a reverse SCH (Supplemental Channel) message including the received EIB to the BSC.

5. The method of claim 4, further comprising the step of performing a fast power control on a forward SCH based on a plurality of PCBs (Power Control Bits) received for one frame period on the reverse pilot channel from the MS if the forward power control mode indicates a fast power control.

6. A method of transmitting power control information to a BTS(Base Station Transceiver System) in a BSC (Base Station Controller) of a mobile communication system, comprising the steps of:

receiving a reverse SCH (Supplemental Channel) frame and a reverse SCH message including power control information from the BTS;

extracting an EIB (Erasure Indicator Bit) that is a power control command in a frame period from the reverse SCH message;

determining a forward power control threshold based on the EIB; and transmitting a forward SCH message including the threshold to the BTS.

7. The method of claim 6, further comprising the steps of:
extracting information about the quality of a reverse SCH frame from the reverse
SCH message; and

changing a reverse power control threshold in a forward SCH(Supplemental Channel) message directed to the BTS based on the extracted quality information when reverse power control information should be adjusted.

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8. A method of controlling the power of forward channels transmitted from a BTS (Base Station Transceiver System) to an MS (Mobile Station) in a mobile communication system, comprising the steps of:

determining power control rates for a forward FCH(Fundamental Channel)/DCCH (Dedicated Control Channel) and a forward SCH (Supplemental Channel);

performing a fast power control on the FCH(Fundamental Channel)/DCCH at the determined power control rate according to a plurality of power control commands received for one frame period from the MS; and

performing a slow power control on the <u>SCH</u> at the determined power control rate according to a power control command received for one frame period from the MS.

- 9. The method of claim 8, wherein a forward power control threshold is changed according to the power control command received for one frame period in the slow power control.
- 10. The method of claim 8, wherein the transmission power of the SCH is increased or decreased by a predetermined power value according to the plurality of power control commands received for one frame period in the fast power control.
- 11. A method of controlling the power of forward channels transmitted from a BTS (Base Station Transceiver System) to an MS (Mobile Station) in a mobile communication system, comprising the steps of:

determining power control rates for a forward FCH(Fundamental Channel)/DCCH (Dedicated Control Channel) and a forward SCH (Supplemental Channel);

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performing a fast power control on the SCH at the determined power control rate according to a plurality of power control commands received for one frame period from the MS.

- 12. The method of claim 11, wherein a forward power control threshold is changed according to the power control command received for one frame period in the slow power control.
- 13. A method of transmitting power control information to a BSC (Base Station Controller) in a BTS (Base station Transceiver System) of a mobile communication system, comprising the steps of:

detecting a discontinuous transmission (DTX) period by measuring the energy of a supplemental channel (SCH) frame received from a mobile station (MS);

checking a forward power control mode (FPC_MODE) if the DTX period is detected;

extracting a power control command from a reverse pilot channel according to the forward power control mode;

performing a fast power control on a forward SCH according to a power control bit (PCB) if the power control command is the PCB; and

transmitting a reverse <u>SCH message</u> including an <u>erasure indicator bit</u> (EIB) status value to the BSC if the power control command is an EIB.

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